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		** Intended caller: None	56
		** to stop or it sees a fatal error.	53
		co nanale KPC calls,	
	115	** Purpose: This is the main routine which sets up the daemon	
return(0);	114 1		
*/	112 1	** exit status	
** Strictly to inhibit compiler warning	111	** Return Codes.	
	110 1	** Outputs: None	8
(void) daemon_cleanup();	108 1	inputs) argc, argv	
*/	106 1	** Routine: main	
** Three oproise cleanin cache Never returns		***	
(ACTO) MEDIANI DECTATE THE CAST PROPERTY.	102	<u>/</u> ####################################	6
Contain displacement of the containing of the co		/* #define _XOPEN_SOURCE unable to compile with this define set */	80
*/	100 1	unable to compile with this define set	
** Office for a document votings on familiary		#endif	_
	3	"SDateS" ;	-
(void) daemon initialize logging():		:S_id () =	2 2
1/4		#if !defined(lint)	
** closed by esl_daemon_startup (in daemon_become_daemon)	93 1		
** Re-establish log initialization since all "fd's" were	92	** with the what(1) utility. The intent is to keep this short.	
(void) daemon_become_daemon();	89 1	**	
*/	87 1	register RPC interface, go wait for RPCs.	24
** Function will not return if this fails	85 1	Basic idea here: Initalize required locks	23
(AOIG) Casmori Craccy Drober Troll	83 1	**	
(** only be used for targted	21
** Function may not return if improper user running dammon */	80 1	** testing on local work station. Should	20
/*	79 1		
(void) daemon_catch_interrupts();	77 1	** MONDRODICTION - Compile source for in house,	
		not set, assume DCE support.	17
*/	75 1	Support: If	
** Flabile permenent interview conchine	73 1		5 5
(void) daemon_rnitratize_rogging(/)	17.	** Compile-Time Options:	1 5
(maid) danmar initialing logging().	2	** Primary Data Acted On:	1 12
			11
::	67 1	** to prepare the daemon to go off and service	10
(void) parse_commandline(argc, argv);	65 1	ints file contains the main loop, and all calls required	40
		deemon.	4
*/ Parse options	62 1		
` `	62 1	** EDMmain.c	6
		*	Un.
*/	58	E/	-
	57	** Convright 1996, 1997 RWC Corporation	2 1
	-		

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			The state of the s	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
			#INCLING CHEMIS CHI. ID #INCLING CHI.	
				58 ##
			#include <edmmain.h> #include <edmmestoreenglog.h></edmmestoreenglog.h></edmmain.h>	
			#include <restore csc_edwrestoreeng.h=""></restore>	53 #1
		109		
rted: -d menas debug */	; /* default is how we were started:	108 1 return G_debug;		
ly vie adb, its on */		104 1 #endif 105 1 if (debugmode) 106 1 return TRUE;		
if DEBUG defined, we must be in debug mode */	/* if DEBUG defined, we m	102 1 #ifdef DEBUG 103 1 return TRUE;	#include <stdarg.h> #include <string.h> #include <syting.h> #include <syting.h></syting.h></syting.h></string.h></stdarg.h>	4 6 6 4 4 5 4 5 4 5 4 5 4 5 4 5 4 5 4 5
		98 */ 99 boolean_ty 100 IsDebugOn()	#include <esi c_portable.h=""> #include <esi nout.h=""> #include <esi inout.h=""></esi></esi></esi>	36 #1 36 #1
************	***************************************	97	/* #define_XOPEN_SOURCE unable to compile with this define set */	33 /*
	: internal only.		fine DOCTV COMBOT (mehle to compatie with this define cer	
1 other subsystems	This routine can be used to tell other subsystems whether debugging is available.	** Purpose:	*\$Revision: 1.23 \$ ". *\$Date: 1997/02/06 20:49:15 \$";	298
	TRUE if debug is on.	* * *	d(lin	
		88 ** Return Codes:	** with the what(1) utility. The intent is to keep this short.	225
			The fellowing provides on DOT to in the binary that can be looked	
	901	84 ** Inputs: None	Basic idea here: Module for UNIX specific daemon inicialization	20 */
	è		not set, assume net support.	18
******	/xxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxxx	182	OSB_SUNATC -	
/* Pointer to command line args */	**commandlineargs; /* Pointer	79 static char *		
LSE; /* Variable which will digable forking */	<pre>G_debug = FALSE; /* Variable which</pre>	77 static int G		:::
	le_t if_spec;	75 static rpc_if_handle_t if_spec;	prepares the daemon to go off and	::
	CE	73 #undef _XOPEN_SOURCE	file contains the callbacks from the	0
	V	71 #include <signal.h></signal.h>	Mission Statement: This is the main service file for the EDMser	ω -
	RCE	69 #define _XOPEN_SOURCE	* EDMRestoreEng.c	200
for signal funtion definitions definitions.		66 * Need to define _XOPEN_SOURCE 67 * and certain signal structure		
		65	** Copyright 1996,1997 EMC Corporation	2 -
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oreEng.c 4 Fri Jan 04 14:16:53 2008	of 96 EDMRestoreEng.c 4	Page 8 of 96	3 EDMRestoreEng.c 3 Fri Jan 04 14:16:53 2008	Page 7 of 96	Page
			/* End of kill_handler() */	-	164
			exit(sigval);	p.	162
			FILELINE, LOG_INFO, MESSAGE_SHUTDOWN, O, Shutting down at %s due to signal %d*, cthebif, sigval);		
			<pre>ctimebuf[strlen(ctimebuf) = 1] = 0; (void) EDMRestoreEng logent;</pre>	- 0	150
			/* Overlay newline with null - buf should always be 26 bytes long */		
			(Void) Elme(¤t_time);		
			/* Get the current time */		151
			*CSC_SERVER_DOGIN Falade: <pre></pre>		147 148 149
	return;	203 1	(void) EDMRestoreEng_logent(N.	146
status, (ebuff ? ebuff : "Unknown error"));) sta		ebuff = (char *) csc_get_error(status);	2 6	144
logent(FILE,LINE, LOG_ERR, MESSAGE_CANNOT_UNREGISTER, 0, "CSC_UNREGISTER_SERVER failed: <%d> %s",	<pre>(void) EDMRestoreEng_logent(</pre>	197 2	<pre>/* If the unregister fails, report the problem, but continue */ if (status != error_status_ok)</pre>		141
t_error(status);	<pre>ebuff = (char *) csc_get_error(status);</pre>	194 2	<pre>/* Unregister the interface */ (void) csc_unregister_server_interface(&if_spec, &status);</pre>		138
s, report the problem, but continue $^{*}/$ us_ok $)$	<pre>/* If the unregister fails, report the problem, if (status != error_status_ok)</pre>		/* If main exits, it calls this routine with signal 0 */	-	136
<pre>/* Unregister the interface */ (void) csc_unregister_server_interface(&if_spec, &status);</pre>	<pre>/* Unregister the interface (void) csc_unregister_serve</pre>	189 1	Char *ctimebuf; char *ctimebuf; char *ebuff = NULL;	1 char	173
	char *ebuff = NULL;	187 1	status_t	1 err	130
	- í		*/ static void kill_handler(IN int sigval)	sta */	128
	*/	183	*****		127
*********	*****************	182		:	126
internal and process manager before exit	Intended caller:	181	Intended caller:	::	124
This routine handles the csc_unregister call	** Purpose: This routine	178	Purpose: This routine handles specific signals i.e. SIGIMI, SIGUITAN Each results in a log entry and an exit.	::	122
	** Return Codes:	175	exits with the number of the signal receive	::	120
Outputs: Will log messages telling what action is being taken.	** Outputs: Will log messay	173	Barurn Co	* *	118
	** Inputs: none	177	outpute. will lor messages relling what action is being taken.	:::	116
	** Routine: unregister_csc	169	Routine:kill_handler	:::	114
					112
/3-2-2-3-4-2-3-3-3-4-3-3-3-3-3-3-3-3-3-3-	***************************************	167	/*************************************		111

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kill_handler

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unregister_csc

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are interested in. Max. NULL.); Max. Null. Max. Null.	. Assign handler to each signal we are interested in. (void) signaction (SIGNERM, Genetions, NULL); (void) signaction (SIGNERM, Genetions, NULL); (void) signation (Genetions, Genetions, Genetics, Genetions, Genetions, Genetions, Genetions, Genetions, Genetics, Genetions, Genetics, Genetions, Genetics, Genetions, Genetics, Genetions, Genetics, Genetics	275 1 276 1 2776 1 2778 1 2789 1 2890 1 2880 1 2880 1 2880 1 2881 1 2881 1 2881 1 2881 1 2881 1 2882 1 2883 1 2884 1 2885			
Le SIGUEN); (v. SIGUEN);	(votal signals that we want to handle (votal) signalse (kaections sa_mask, SIGTEND); (votal) signalsee(kaections sa_mask, SIG				
rignals we want to handle	ZERO(sections); /* /* /* /* /* /* /* /* /* /* /* /* /*	258 1 260 1 261 1 262 1 263 1	`) /* end display_usage () */	231
/* Signal actions */	actions;		" Print out usage stmt. */ printf (stderr, 'Usage: %s [-d]\n', progname); printf (stderr, 'Usage: %s [-d]\n', progname); stderr, '-d keep the doemon from forking so debugging is easier\n');	**	226 1 228 1 229 1
***************************************	** Intended caller: internal only.	250 ** In 251 ** 252 ***	gname)	static void display_usage (IN char *progname)	222 223 224 225
. On NT we will have to to replace signals with. g SIGTERM, SIGINT, and rg else.	Purpose: Sets up signals for service. On NT we will have to consider what OS constructs to replace signals with In this case we are catching SIGNERM, SIGNY, and SIGQUIT and ignoring anything else.	:::::	Special Considerations: None.	* Special Considerations: None.	219 219 220 221
	Routine: daemon_catch_interrupts Inputs: None Outputs: None Return Codes: None		re	display_usage Simply displays the usage Call Arguments: Call Arguments name Firor Outputs and Side Effects: Prints usage:	208 209 210 211 212 212 213 214 215 216
******	/	234 /***	Function Name:	/*************************************	206

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display_usage

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daemon_catch_interrupts

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				300	296 1 297 1 298 1	Page 1
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				TANTAL AND THE TANTAL	* Set the mask. Since no other threads have been started, * all threads will get this mask. * all threads will get this mask. Seactions so mask. NULL.): [unit) the streammask SIG SYMASK. Associons so mask. NULL.):	daemon_catch_interrupts Fn Jan 04 14:16:53 2008
329 330 2 331 2 332 2 335 2	321 323 324 1 325 1 326 1	316 317 318 319	308 309 310 311 312 313 314	304	303	Page 12 of 96
Ų.	void damon_bhock_proper_ID() { /* Check for root ** Check for root	function may be blank. Intended caller: internal only.	Outputs: None Return Codes: exits with an eri Purpose: Checks user's ID to execute servit	: daer	/	12 of 96 daemon_check_proper_ID Fri Jan 04 14:16:53 2008

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					**	
					~ ~	376 2
				exit(1);	exit(1);	374 3
				1	default:	372 3
					break;	371 3
				= 1; /* turn on other debugmode flag */	T = Applifyther	370 3
				TRUE;	G_debug = TRUE	369 3
					case 'D':	368 3
		_	406		case 'd':	367 3
	(void) esl log init(commandlineargs[0]);	(void	404 1		switch(opt)	365 2
			403 1			364 2
	daemon_initialize_logging()	daemon_initia	402	while ((opt = getopt(argc,argv,"dD")) != EOF)	while ((opt = geto	363 1
		Toda d	Ì	argv;	commandlineargs = argv;	361 1
		*	399	C; /- riocess oprious /	int	359 1
*******			398	1		-
*******	哈姆格特特特拉格特 医甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基		397	argc, char *argv[])	void parse_commandline(int argc, char *argv[])	
	** Intended caller: internal only.	** Intended c	396			110
	capes canado.	*	395		*/	
encapsulate	Those things	:	í	然然 化氯化甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲	*******************	354
nctions which	calling higher level logging functions which	;	393	,	* *	-
omecning With catalogs	ruture this may involve doing something with catalogs	;	392	internal only.	** Intended caller: inter	352
In the near		:		are no flags to be set then this function may be empty.		
ize logging.	Do whatever it takes to initialize logging.	** Purpose:	391	and line arguments and sets flags. If there	Purpose:	
	Notice	* :	390	exits with an error when the user this a rad dridment		
	des:	** Return Codes:	386	and occupate the same transport of had accommonly	** Return Codes:	
	***************************************	**	387		**	345
	None	** Outputs:	386		Outputer	363
	None	** Inputs:	384	argc, argv (command line arguments)	** Inputs: argc, argv	342
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	*	383		**	341
	** Routine: daemon initialize logging	** Routine:	381		** Routine: parse commandline	340
* * * * * * * * * * * * * * * * * * * *		:		***************************************	*	35
*****	<u>/</u>	/**********	380	/*************************************	/*******************	338

parse_commandline

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daemon_initialize_logging

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	ptr = atrich(commandilneargs(0), '/'); if (ptr = mOldineardilneargs(0); else ptr = commandilneargs(0); ptr +: ptr +: ptr +: ptr +: ptr +: (*Change directory to a process specific core directory '/ rec = esi_coredir_aecup(ptr); (*Change directory to a process specific core directory '/ rec = esi_coredir_aecup(ptr); (*Change directory to a process specific core directory '/ rec = esi_coredir_aecup(ptr); **Commandinearge(0); **Commandinearge(0); **If (rec i = 0) **Commandinearge(0); forintf(contict(1); **Optimit(contict(1); **Assistantial to initialize as deamon.nr*, oxit(1);	
	olses	
	olse olse olse if () () () () () () () ()	בבבבם בנוסטטטט יו ד ד א אואאן
	pre if ()	
	phr if ()	
	ptr = streim (commandineargs(0), '/'); if (ptr = NOIM) claser: = commandineargs(0); ptr +: ptr +: ptr +: ptr +: ptr +: /* Charge directory to a process specific core directory '/ re = est_coredir_secup(ctr); (void) EDMSsstoveRid_logent(_FTLELINELOG_ENS, west_coredir_secup(ctr); (void) EDMSsstoveRid_logent(_FTLELINELOG_ENS, west_coredir_secup (atled*); (void) EDMSsstoveRid_logent(_FTLELINELOG_ENS, west_coredir_secup. ** only in the core of the core	439 1 1 440 1 1 441 1 1 441 1 1 441 1 1 4 441
	ptr = strch(commandineargs(0), '/'); if (ptr = NOMINGATINEARGS(0)); elser: commandineargs(0); ptr +; ptr +; /* change directory to a process specific core directory '/ if (ree = 0) edd = red = red = red = red = red = red; (void) EDMSestoreEnglepent(FILE _ (LINE _ LOG_ERS, MESSEE_ENGLES); esl_coredit_setup failed; out(1); ** This is now esl functionality does everything necessary ** to make this a 'real' demon by detaching from the English ** changing the process group, closing stdout, sederit, scdin.	437 1 1 446 2 2 446 2 1 446 2 2 446 2 446 2 2
	U], '//); sss specific core directo Else File	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	ptr = strich(commandineargs(0), '/'); if (ptr = sMU()); elser commandineargs(0); ptr++; /*Change directory to a process specific core directory '/ res = esl_coredix_setup(ptr); if (rev i= 0)	4444 1 1 1 1 445 1 1 1 1 1 1 1 1 1 1 1 1
	sss specific construction of the state of th	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	sss specific construction of the state of th	437 1 438 1 440 1 440 1 1 444 1 1 446 2 447 2 448 2 2 449 2
	[U], '/'); sss specific coi ent(FILE,SE_ERRINSSICC	4440 11 1 4440 11 1 4440 11 1 1 1 1 1 1
	[U], '/');	439 1 439 1 440 1 441 1 444 1 446 2
	<pre>pcr = strcint(comandineargs[0], '/'); if (pcr = NULD) if (pcr = NULD) pcr = commandineargs[0]; pls = pr = commandineargs[0]; pls = pr = p</pre>	444 1 1 1 1 4 4 4 4 4 4 4 4 4 4 4 4 4 4
	<pre>pcr = strcint (ormandilneargs[0]; '/') if (pcr = NULD) pr = commandilneargs[0]; else ptr++;</pre>	437 1 438 1 440 1
	prr strrchr(commandlineargs[0]; //); if (prr = NUL) prr = commandlineargs[0]; else	437 1 438 1 439 1
	ptr = grarchr(commandlineargs(U), '/'); if (ptr == NULL) if (ptr == commandlineargs(O);	437 1
	ntr = strrchr(commandlineargs U , '/');	177
	*/	436 1
	* SETID THE DACT LICH CHE DIOGRAM HAME SO WE CAN GOT AV	434 1
	/*	433 1
	int ret = 0;	431 1
	char *ntr:	429 1
	vold demon_become_daemon()	
		425 */

	** Intended caller: internal only.	
	Purpose: This function is for doing the forking etc. under UNIX. It is unknown what will be necessary under NT.	420
	GVTCO Market 651 CTTCCT COOC TT STREET	
	** Return Codes:	_
	orchars: worse	0.5
	Inputs: None	412 **
	Routine: deemon_become_daemon	410
		409
467 1 } 468 1 } **/		408
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MESSAGE_NOAUTHORIZATION, 0,	587 2	Dreak;	528 3
<pre>(void) EDMRestoreEng_logent(FILE,_LINE,LOG_ERR,</pre>	586 2	() acocos eriot_status_ox)	527 3
ebuff = (char *) csc_get_error(status);	584 2	/* If we succeeded, then exit this loop. */	525 2
if (status != error_status_ok)	582 1	RE_SERVER_KEYTAB, &scatus);	523 2
(void)csc_authorization_init(&status);	580 1	(void) csc server login(RE SERVER PRINCIPAL,	522 2
*/	579 1	while (TRUE)	520 1
** We need to initialize the authorization module before we		* server is unavailable. Note that under SUN RPC this is a no-op.	
		* This process will keep trying to login to DCE if the registery	517 1
memcov((char *) &if spec.ip addr, hp -> h addr, hp->h length);	574 1	* will be set to this principal. *	516 1
exit(1);	571 2	/* Login as SERVER_PRINCIPAL. The context of the process	
"gethostbyname failed");		RE_SERVER_IFSPEC(if_spec);	511 1
<pre>(void) EDMRestoreEng_logent(FILE,LINE,LOG_ERR,</pre>	568 2	/* Setup the interface specification for RPC */	509 1
if (hp == NULL)		#end1f	507 1
hp = gethostbyname(name.nodename);	564 1	struct timespec sleep_interval = (5,0); /* 5 second sleep interval */	506 1
uname (&name);	562 1	/* 5 second sleep interval */	
	560 1		503 1
exit(1):		** May be removed when esl_timeval is ported to clients	
"The service cannot log in as required");	557 2	/* ** This is here because of HP which may or may not define timeval.	499 1
MESSAGE NO LOGIN, 0,		řŤ.	497 1
ectec	554 2	unsigned char "conn_n; struct hostent *hp; char "ebuff;	495 1
	552 2		
continue;		CYTY OTHERS T	492 1
rgr green(aleen interval):		void zpc_init()	491
* pthread call to delay for the specified * time	547 3	*/	489
* uses sleep when SUNRPC, otherwise uses			
/*	545 3		488
<pre>if (status == sec_rgy_server_unavailable)</pre>		** Intended caller: internal only.	486
* pause and then try again.	541 2	** This is pretty standard between UNIX and NT.	484
<pre>/* If the failure was due to unavailable client,</pre>		Purpose:	482
eburr ? eburr : "Unknown error"));	538 2	exits with an error code it iniciatization falls	481
status, (537 3	Return Codes:	479
MESSAGE_NO_LOGIN, 0, 'CSC_SERVER_LOGIN failed: <%d>	536 3		476
(void) EDMRestoreEng_logent(FILE,_LINE,LOG_ERR,	534 3	** Inputs: None	474
ebuff = (char *) csc_get_error(status);	532 3	** Routine: rpc_init	473
		/**************************************	471
, po	529 2	7	
Fri Jan 04 14:16:53 2008 rpc init Page 18 of 9	Fri Jan	Fri Jan 04 14:16:53 2008 rpc_init Page 17 of 96	Fri Ja

		620 1	618 1			613 2 614 2 615 2	610 2		606 1	604 I	100		600 2		597 2	595 1 596 2	593 1	591 1	590 2	589 2	588 2	rayo ia or oo
		-																				0 01 00
		free(conn_h);		exit(1); ebuff ? ebuff : "Unknown error"));	status, ((void) EDMRostoreEng_logent(FILE LINE/LOG_ERR, MESSAGE_CANNOTREGISTER, 0/.	ebuff = (char *) csc_get_error(status);	if (status != error_status_ok)	&status);	, ,	&if_spec,	Consider the statement operator internation	exit(1);	"Failure allocating memory for connection handle");	(void) EDMRestoreEng_logent(FILE,LINE,LOG_ERR, MESSAGE_NO_MEMORY, 0,	if (conn_h == NULL)	conn_h = calloc(1, CONNECT_HANDLE_SIZE);		exit(1);	status, (ebuff : "Unknown error"));	"CSC_AUTHORIZATION_INIT failed: <%d> %s",	To Comment
657	3	655 1 656 1	653 1	652 1	650 1	647 1 648 1	645 1	H	642	640	639	637	636	634	632	630	628	626	624	623		
	epuir : epuir : oilviowa error /	CSC_SERVER_LISIEN Falled: "ou" oo ,	(VOIG) KUNNESTOTERNG_IOGENTAL (VOIG) KUNNESTOTERNG	/* We don't expect to get here. */	ebuff = (char *) csc_get_error(status);	<pre>/* listen for RPC calls forever. */ (void) csc_server_listen(</pre>	char *ebuff;	error_status_t status; /* error status (nbase.h)	void zpc_run()	*/		** Intended caller: internal only.		** Purpose: This function is for running the RPC listen.	** Recurn codes:	** Outputs: None	and an annual an		** Routine: rpc_run	76 76 76 76 76 76 76 76 76 76 76 76 76 7	人名英格兰姓氏 医克克氏试验检检尿病 医多种性 医克克氏性 化二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	

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rpc_init

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rpc_run

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EDMRestoreEng.c 15

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EDMRestoreEng.c 16

	700 Kill_handler(0); 746	
	kill_handler(0);	748
		747
	daemon_cleanup()	745
	void	74.4
	*/	742
· 不是在 在 经 的 对 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在 在		740
		739
damon property.		737
		736
	** Keturn codes:	734
	_	733
	_	732
		730
	** Routine: daemon_cleanup	728
		727
******************	/*************************************	726
I I DAIT OF I PET I COMME AND ON THE PET I COMME I COM	rage 20 01 90 additivit_creaturp	Fag

EDMProcessManager.cc 2	Fri Jan 04 14:16:53 2008	Fri Jan 0	Fri Jan 04 14:16:53 2008 EDMProcessManager.cc 1 Page 25 of 96	Fri Jan 0-
			struct timeout_array	0 0
			static boolean_ty completion_signalled = FALSE;	62
			/* local data */	59
			<pre>static void unregister_rpc(void); static void start_completion(EDMREGlobalStatus);</pre>	56
			/* local prototypes */	5
			finclude sphtread.hv finclude stDMptrocemendable.h	5 2 4 4 4 4 4 2 2 1
	_	103	#include suyslog.h> #include sunistd.h> #include sendlib.h>	37 38
	return TRUE;) return FALSE;		#include seal/c_portable,h> #include seal/c_portable,h> #include seal/inout.h>	35
} else if ((t - tval[status].timeoutlen) > incurrentstate)	else if ((t - tval	98 2	/* #define _POSIX_SOURCE unable to compile with this define set */ /* #define _XOPEN_SOURCE unable to compile with this define set */	30
tval(status).guideadlen) > lastguitime) -mplk:	<pre>if (t = tval(stat { return TRUE:</pre>	93 1	"\$Revision: 1.23 \$ " "\$Pate: 1997/02/06 20:49:15 \$";	
/* all exiting conditions use same timeout	if (status < 0) { status = 0; }	90 2 91 1	with the what(1) utility ['defined(lint) aric char RCS id [] =	3 2 2 2
return FALSE;	return FALSE;	84 2 86 1	* The following provides an RCS id in the binary that can be located	
(LL);			not set, assume DCE support.	15
ime_t lastguitime, IN time_t incurrentstate nt status)	boolean_ty IsRestoreTimedOut(IN time_t lastguitime, IN int status)	77 78 79	** Compile-Time Options: USE_SUNRPC - Compile source with sunsper **	1111
	{ SECONDS_PER_PARK, { SECONDS_PER_HOUR { 10*SECONDS_PER_DAY, } 2*SECONDS_PER_DAY, }	75 77 77 77 77 77 77 77 77 77 77 77 77 7	Mission Statement: This is the entry point for the Process Manager chreat. Primary Data Acted On:	
eR_MINUTE), //	-			. u . u . v .
ioriestore i illeucut	04 14:10:30 2000	111001	1 MAC ES 01 00	

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IsRestoreTimedOut

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EDMProcessManager.cc 4 Fri Jan 04 14:16:53 2008	Page 28 of 96	EDMProcessManager.cc 3 Fn Jan 04 14:16:53 2008	Page 27 of 96
break;		/* keep waiting in case thread wait got interrupted */	
result = EDMRE_MarkObject(input_ptr, &output_ptr);	216 3	continue;	160 3
Case COMMAND MARK OBJECT:	215 3		159 3
input_ptr, &output_ptr);	,	start_completion(internal_status);	57 5
result = EDMRE_GetRestorableObjects(213 3	else	56 5
case COMMAND_GET_RESTORABLE_OBJECTS:	212 3	start_completion(5 5
SWE COLL COMMUNICATION /	211 1	if (internal status > 0)	in i
exitch(command)	310 3	if already exiting	
	208 2), Status_time,	
continue; /* ??? Keep trying or return ?? */	207 3	if (TRUE == IsRestoreTimedOut(getLastRpcTime(51 4
statu	206 3		150 4
status = %d Lost command: %d",) else	19 3
	205 3		148 4
MESSAGE POP RPC INPUT FAILED, 0,	204 3	/* escape while to exit */	747
EDMRestoreFor logent / FILE . LINE . LOG ERR.	202 3	hypash.	n
it (ropeperiput amput_per, ascacus //	201 2	"Shutting down arrer timeout awaiting	146 5
		MESSAGE_SHUTDOWN, O,	145 5
/* not in completion seq;	200 2	FILE_	
		EDMRestoreEng logent(144 5
Control at the control and the control of the contr	198 2	nureGraces_rbc(); /, creanab cac r/r/	
concinue;	197 3	result = EDWRE_Finish(NULL, NULL);	41 6
		/* let restore service module clean up, stop rpcs */	
command);	195 4		140 6
"cmd value: %d",		if (!finish roc recvd)	
MESSAGE INVALID COMMAND, 0,	194 4	THIGHTIST SCACOO))	
EDMBeetoreEng logent (FILE , LINE , LOG ERR,	192 4), Scacus_time,	
else	191 3	if (TRUE == IsRestoreTimedOut(getLastRpcTime(
	190 3		135 4
break; /* exit */	189 4	if (completion signalled)	1 5
	188	/ CHECK LOT COMPLECTOR CINCOUL OF TORS CINCOUL /	32 3
unregister_rpc(); /* cleanup csc i/f */	187 5	/* chock for completion timpost or sale timpost */	
result = EDMRE Finish(NUEL, NUEL);	2 581	status);	130 3
	184 5	status = 80",	_
reader_rinisn_rovo = TRUE)	183 4	*PopCommand failed;	29 3
(martin	182 4	MESSAGE_RECORD_GET_FAILED, 0,	128 3
COMMAND_READER_FINISHED == command && !reader_finish_rcvd)		EDMRestoreEng_logent(27 3
else if (181 3	/* log error if not 'normal' gueue empty error */	125 3
GIII BH LOCAL LA PORT AND	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	(Constant property of the constant of the con	24 3
finish_rpc_recvd = TRUE;		if (PopCommand(1, &command, &status))	123 2
result = RIMAR Finish(input per, &output per);		reader_finish_rovd !finish_rpc_recvd /, unfit clame to exit '/	_
/- Ist restore service modera cream ab,	1/5 4		120 1
else			
	173 4	setGlobalStatus(EDMRE_STATE_STARTING);	118 1
status = %d", status);		time_t scatus_time;	-
"PonBnoTnnit failed:	171 5	lobalSt	jus
FILE,LINE, LOS_ERR,		poolean_ty reader_finish_rcvd = FALSE;	-
EDMRestoreEng_logent(170 5	ean_ty	
to the first management and an in-		void *output ptr:	- 1-
(if (DonDocTopuit / Singuit pty Setatue))		result;	-
if (COMMAND_FINISH == command && !finish_rpc_recvd)	166 3	int command;	109 1
tr (comprecionCorAmorrace)	165 2		-
	163 2	REProcessManager(void *buff)	106 REPL
	2	*	105 void *
	161 2		90
TETTOCESSMAIlager Fit sail of 14, 10,55 2000	Page 28 of 96	HEProcessManager Fri Jan 04 14:15:53 2008	OR 10 17 HILLS

Fn Jan 04 14:16:53 2008	274 3	273 3	272 3	271 3	270 3	260 3	267 3	266 3	265 3	264 3	262 3	261 3		258 3		255 3		252 3		249 3 250 3	247 3			242 3	241 3			236 3	234 3	233 3		w	228 3	227				219 3	218 3
- 1	result = COMMAND_RESULT_FAILURE;	command):	MESSAGE_INVALID_COMMAND,	EDMRestoreEng_logent(FILE,LINE, LOG_ERR,	default:	result = EUMRE_SetBackupForTime(input_ptr, &output_ptr);	ğ	break: input_ptr, &output_ptr);	result = EDMRE_SetMostRecentBackup(case COMMAND_SET_MOST_RECENT_BACKUP:	= EDMRE_SetFirstBackup(input_ptr,	CASE COMMAND_SET_FIRST_BACKUP:	result = EDMRE_SetNextBackup(input_ptr, &output_ptr);	case COMMAND_SET_NEXT_BACKUP:		case COMMAND_SET_PREVIOUS_BACKUP: result = EDMRE_SetPreviousBackup(hraak:	case COMMAND_GET_ALL_TIMES: result = EDMRE_GetAllBackupTimes(input_ptr, &output_ptr	<pre>case COMMAND_LOAD_RECX_DIRECTIVES: result = EDMRE_Load_recx_directives(</pre>	break; /* await dispatcher finish command	ster_rpc();	else	<pre>/* if already exiting, leave state alone "/ start_completion(EDMRE_STATE_SUCCESSFUL);</pre>		etGlobalStatus(<pre>finish_rpc_recvd = TRUE; if (EDMRE_STATE_SUCCESSFUL)</pre>	<pre>case COMMAND_FINISH: result = EDMRE_Finish(input_ptr, &output_ptr</pre>	break;	result * EDMRE_FindRestorableObjects(CASE COMMAND STAD BESTORABLE ORIECTS.		start_completion(getGlobalStatus(NULL)); /* leave same state	/* cavet out to arrow contringtion area accessful a abolited	, ca	break;	<pre>case COMMAND_SUBMIT: result = EDWRE Submit(input per &output per);</pre>	result = EDMRE_UnmarkObject(input_ptr, &output_ptr); break:	case COMMAND_UNMARK_OBJECT:
Page 29 of 96		"cmg value: %d",		ERR,		utput_ptr);		tput_ptr);			&output_ptr);		ut_ptr);		tput_ptr);		tput_ptr);		tput_ptr);		command */			\	wstatus_time)));	open Joseph	771			ame state */	restore */			ī	ut_ptr);	
Fri Jan 0																					303 1		300 1	H	298 1		294 2	293 3		290 3			285	284 4			278 2	333	275 2
Fri Jan 04 14:16:53 2008																					recurn purr;	exit (getGlobalStatus(NULL));	#endil		if (reader_finish_	#44 0 /4 T Phint)			(EDWRostore		,			EDMRes	if (PushRp	if(result !=	/* mish result	275 2
EDMProcessManager.cc 6																						tus(NULL));		setGlobalStatus(/* good exit ?? */ 0);	if (reader_finish_rowd && finish_rpc_recvd)	ther leave global status as its		"PushResult failed; status =	MESSAGE_FAILURE_TO_QUEUE_RESULT, 0,		really command forest		eterus):	"PushRpcOutput failed;	EDMRestoreEng_logent(FILE,LINE, LOG_ERR, MESSAGE_PUSH_RPC_OUTPUT_FAILED,	<pre>if (PushRpcOutput(output_ptr, &status)) {</pre>	if(result != COMMAND_RESULT_FAILURE)		
Page 30 of 96																								,	/* good exit	es its already set */		%d", status);	QUEUE_RESULT, 0,	TOG ERR			status = %d",	failed;	<pre>E, LOG_ERR, C_OUTPUT_FAILED,</pre>		TE commune paccedage -/	and oursecoded */	

309 310 1 311 1 312 1 313 1	307	Page
) static	/* local	Page 31 of 96
(slacic ould wireplace. Dec void); (slace()); (slace()); (slace()); (slace()); (scop.RPC traffic */ return; (station */ scop.RPC traffic */); (slace());	/* local function to unregister tpc interface */	unregister_rpc Fri Jan 04 14:18:53 2008
323 323 323 323 323 323 323 323 323 323	317	Page 32 of 96
<pre>seciabalStatus(status); SendFinalStatus(); completion_signalled = TRUE; return;</pre>	/* local function to start completion sequence */	32 of 96 start_completion
/* signal dispatcher */	equence */	FR Jan 04 14: 10:33 2000

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EDMProcessManager.cc 9	
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EDMProcessManager.cc 11	
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of 96 EDMProcessManager.cc 12	of 96
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Fn Jan 04 14:16:53 2008 EDMREProcMarService.c 2	Fn Jan (Fri Jan 04 14:16:53 2008 EDMREProcMgrService.c 1 Page 37 of 96	Fri Jan 0-
else		#include <stdlib.h> #include <sys syslog.h=""></sys></stdlib.h>	
LT_E	118 2 119 2 120 1	System headers.	58
EDMRestoreEng_logent(FILE,LINE, LOG_ERR, MESSAGE_NO_MEMORY,			
if (NULL == out_args)	115 1	/* #define _POSIX_SOURCE 1 */	
<pre>out_args = calloc(1, sizeof (RE_get_all_backup_times_result));</pre>	112 1	 The following is required for code that uses POSIX API's. Remove for non-POSIX, non-portable code. 	55 69
int status = COMMAND_RESULT_SUCCESS;	110 1	* Standard defines required to turn on OS features go here.	8 4
= (RE_get_all_backup_times_args *)input_args; RE_get_all_backup_times_result *out_args;	107 1	* Feature test soutshes	
	104	#endif "\$Date\$";	
***************************************	102	#ifndef lint static char RCS_id [] = "\$RCSfile\$ " "RRAYIGIONS "	655
** Purpose: Wrapper of Restore service library call to ** asynchronously from main RPC thread **	100 101	** with the what(1) utility. The intent is to keep this short. $^{*\prime}$	35
** Kecurn Codes: ** 0 for success and non-zero for failure.	98	* The following provides an RCS id in the binary that can be located	
	95	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	31
** Outputs: void **status addr of void * to receive ptr output	9 9	* *	30
** Inputs: void *input_args ptr to struct with RPC input args	2 :	** Compile-Time Options:	28
** Routine: EDMRE_GetAllBackupTimes	90 9		2 2 2 5
/ 医血管管 医阴茎管 医阴茎状态 法法法院的法院 医克格特氏 医克格特氏 医克格特氏 医阿拉特氏 阿拉拉特氏 医阿拉特氏 医阿拉特氏病 医阿拉氏病 医阿拉特氏病 医阿拉氏病 医阿拉特氏病 医阿拉氏病 医阿拉特氏病 医尿管检验检验验验验检验检验检验检验检验检验检验检验检验检验检验检验检验检验检验检	88	** Internal Functions:	2 2
static boolean_ty EDMKE_RestoreCallback(void);	86	** EDMRE_Finish ** EDMRE_FindRestorableObjects	22 21
static boolean_ty EDMRE_ProgressCallback(unsigned long progress);	8 9		20
* Local functions	2 2		16
,	88 52	** EDMRE_GetRestorableObjects ** EDMRE_MarkObject	1 1 1
#include <edmrecommandapi.h></edmrecommandapi.h>	79	** Table of Contents:	7 11 1
	77 76	Rescore Service Library Calls Char perform the actual RPC services.	: 5
*/	75	These functions are basically 'wrappers' for the	
* Local headers	73	** Engine RPC's. Restore	E
#include <restore rbprogmag.b=""> #include <restore edmreprogressapi.b=""></restore></restore>	71 70	•• This module contains the Process Manager (provide the top level processing of the 'asynchronous'	10 9
#Include <ebutil @butil.h=""></ebutil>	68	** Copyright (c) 1998,1999 by EMC Corporation. ** Purpose:	m -1 0
* Epoch headers. */	6 6	** File Name: EUNKEFFOCNGTSGIVICE.C	un a
/*	64	100000000000000000000000000000000000000	3
#include <unistd.h> #include <string.h></string.h></unistd.h>	62	/******	N
Fri Jan 04 14:16:53 2008 EDMRE_GetAllBackupTimes	Fri Jar	Page 37 of 96	Fri Jan

EDMREProcMgrService.c 4 Fri Jan 04 14:16:53 2008	Page 40 of 96	Page	EDMREProcMgrService.c 3 Fri Jan 04 14:16:53 2008	Page 39 of 96	Page
return status;) ret	191			
free(in_args);	1 fre	188			
xdr_free(xdr_RE_get_restorable_objects_start_args, (char *)in_args);	×dz	187			
*output_args = (void *)out_args;	p 2	185			
&out_args->numEntries, in_args->allowBadFiles);	ואמ	182			
£out_args->cookie, in_args->maxEntries,	N N N	180			
<pre>in_args->parentObj->objLevel, &out_args->childrenObjs,</pre>) N				
out_args->status = RSTSL_GetRestorableObjects(out_args->status = RSTSL_GetRestorableObjects((restorableObjectPtr)in_args->parentObj->RE_restorable_Obj_u.	NNI	176			
	else	173			
status = COMMAND_RESULT_FAILURE; /* fatal error */	r 2 }	170			
<pre>0,</pre>	12	169			
<pre>EDMRestoreEng_logent(LINE, LOG_ERR, MESSAGE_NO_MEMORY,</pre>	N I				
if (NULL == out_args)	2 H	166			
out_args = calloc(1, sizeof(RE_get_restorable_objects_output_result));	1 out	165			
status = COMMAND_RESULT_SUCCESS;	1 int	163			
RE_get_restorable_objects_start_args *in_args; RE_get_restorable_objects_tart_args *input_args; RE_get_restorable_objects_output_result *out_args;		160			139
<pre>int EDMRE_GetRestorableObjects(void *input_args, void **output_args) {</pre>	int ED	157	return status;	,-	138
***************************************		. 5	<pre>xdr_free(xdr_RE_get_all_backup_times_args, (char *)in_args); free(in_args);</pre>	p p	135
Purpose: Wrapper of Mescore service industy cail to be executed asynchronously from main RPC thread	*** Puzz	152	*output_args = (void *) out_args; }	H 2	132
0 for success and non-zero for failure.	::	150	&out_args->cookie);	a)	131
	* * *	148	Cont argo youngerty be	N	130
Outputs: void **status addr of void * to receive ptr output arg struct		147	IIatgu-/trage,	2 2	128
Inputs: void *input_args ptr to struct with RPC input args		16.1	in_args->maxEntries,	N	127
tine: EDNRE_GetRestorableObjects	** Routine:	142	in_args->startTime, in_args->endTime,	N	126
/*************************************	\	161	out_args->cookie = in_args->cookie; out_args->status = RSTSL_GetAllBackupTimes(N N N	124 2
		j		-	T

EDMRE_GetAllBackupTimes

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EDMRE_GetRestorableObjects

-	294	return status;	242 1 243 }
return status;	293 1	<pre>xdr_free(xdr_RE_mark_object_args, (char *)in_args); free(in_args);</pre>	239 1 240 1
xdr_free(xdr_RE_unmark_object_args, (char *)in_args);	290 1	*output_args = (void *)out_args;	
*output_args = (void *)out_args; EDNKE_ProgressGallback);	286 2 287 2 288 1	&out_args->otherMarkCount, EIMRE_ProgressCallback);	234 2
&out_args->dirMarkCount, &out_args->otherMarkCount,	284 2 285 2	&out_args->permBewyFileCount, &out_args->fileMarkCount, &out_args->fileMarkCount,	
in_args->descent, &out_args->badFileCount, &out_args->badFileCount,	281 2	in_args-bearmin inco- in_args-badrileCount, kout_args-badrileCount,	229 2 230 2 231 2
<pre>else { out_args->status = RSTSL_UnmarkObject(in_args->thisObj, in_args->status = in_args->thisObj, in_args->status = in_args->thisObj, in_args->thisObj,</pre>	276 L 277 2 278 2 279 2	else (out_args->status = NSTSL_MarKObject(in_args->thisobj, in_args->backupTime,	
EXMEstoreEng_logent(LINE LOG_ERR, MESSAGE_NO_MEMORY, O, "calloc_fail for RE_get_unmark_results_result"); status = COMMOND_RESULT_FAILURE; /* fatal error */		EXMeastoreEng_logent(219 2 220 2 221 2 222 1
<pre>out_args = calloc(1, sizeof(RE_get_unmark_results_result)); if (NULL == out_args)</pre>	268 1 269 1 270 2	<pre>out_args = calloc(1, sizeof(RE_get_mark_results_result)); if (NULL == out_args)</pre>	216 1
int status = COMMAND_RESULT_SUCCESS;	266 1	int status = COMMAND_RESULT_SUCCESS;	214 1
RE_unmark_object_args *in_args = (RE_unmark_result = *in_args = (RE_get_unmark_result = result = rot_args;	263 1 264 1	RE_get_mark_result	211 1
int EDMRE_UnmarkObject(void *input_args, void **output_args)	260 261 262 1	*/ int EDMRE_MarkObject(woid *input_args, woid **output_args)	208
***************************************	259	***********	207
** Purpose: Wrapper of Restore service library call to be executed ** asynchronously from main RPC thread **	256 257 258	** Purpose: Wrapper of Restore service library call to be executed ** asynchronously from mean RPC thread **	204
** Return Codes: ** O for success end non-zero for failure.	253	** Return Codes: ** O for success and non-zero for failure. **	202
** Outputs: void **status addr of void * to receive ptr output arg struct	251	** Outputs: void **status addr of void * to receive ptr output **	199
** Inputs: void *input_args ptr to struct with RPC input args	248	** Inputs: void *input_args ptr to struct with RPC input args	196
** Routine: EDMRE_UnmarkObject	246	** Routine: EDMRE_MarkObject	194
/22221222222222222222222222222222222222	245	/**************************************	193

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EDMRE_MarkObject

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EDMRE_UnmarkObject

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		مؤ بو بو			
		// static boolean_ty ropes.ProgressCallback (unsigned long progress) { UpdateProgressValue(progress); return TestApcCancelPlas(); }	**Purpose: Restore service library callback function to be called periodically to return progress information and check for cancellation.	Routine: EDMRE_ProgressCollback Inputs: unsigned long progress objects processed so far Outputs: none Return Codes: Return Codes: PROF Coperation concominue Doolean_ty	
353	346 1 346 1 347 1 350 1 351 1	335 337 338 338 340 340 342 343 343 343	332 333 334	319 320 321 321 322 324 325 326 326 327 328	
	If (internal_Status == EMMC_STATE_OBSE_COLIT /* semment internal_Status == EMMC_STATE_OBSE_COLIT /* semment internal_Status == EMMC_STATE_OBSE_COLIT /* semment if (TRUE == IsRestoreTimedOut(last_pptime, status_time, internal_status) if (TRUE == IsRestoreTimedOut(last_pptime, status_time, internal_status) return TRUE;		Purpose: Restore service library callback function to be called by 'Start' function to return check for cancellation.	Routine: EDMIE_MestoreCallback Inputs: none Outputs: none Return Codes Return Codes TRUE if operation can continue TRUE if operation should be cancelled	

309

297 298 299 300 301 302 303 304 305 306 308

312 313 314 315 317 Page 43 of 96

EDMRE_ProgressCallback

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EDMRE_RestoreCallback

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	410 1 return statue;	410
	<pre>407 1</pre>	408
(85. 1) return status;	smil out_args-submitObjectID * in_args-submitObjectID; smil out_args-submitObjectID * in_args-submitObjectID; smil out_args-submitObjectID; smil out_args-submitObjectID; smil out_args-submitObjectID, smil out_args-su	
451 l xdr_free(xdr_RE_start_args, (char *)in_args); 452 l free(in_args);	N f	391
de 2 Out_Sipe~Resus - Anau_Sect EMRE DescreeOillbek); 66 : *Output_args = (void *)out_args; 69 : }	197 1 0150 197 1 0150 (submitArgs-volientSocketFort = in_args-vocketFort) 198 3 (submitArgs-volientSocketFort = in_args-vocketFort) 198 3 (submitArgs-volientSocketFort = in_args-vocketFort)	387 388 389
1 else	183 2 U. "COLLOG EALL FOR RE_GET_SHARE," /* fatal error */ 184 2 Status = COMMAND_RESULT_FAILURE; /* fatal error */ 185 1)	383
40 2 U, CRITCE FRIT ION KD_SCAUGE_FRAUTE // 411 2 STATUS = COMMAND_RESULT_FAILURE; // fatal error */ 412 1 }	{ EDMRest<	381
Eng_logent(379
	<pre>yr6 1 ERWRST_submit_args</pre>	376
int status = COMMAND_RESULT_SUCCESS;	NE_get_submit_results_output *out_args; ns 1 unsigned int object_count = 0;	374
431 RE_start_args *in_args = (RE_start_args *)input_args; 432 RE_status_result *out_args;	372 1 {	372
	370 */ 371 int EIMRE_Submit(void *input_args, void **output_args)	370
		365
434 ** Purpose: Wrapper of Restore service library call to be executed 425 ** 435 ** 436 **	366 ** Purpose: Wrapper of Restore service library call to be executed 367 asynchronously from main RPC thread	360
421 ** Return Codes: 422 ** 0 for success and non-zero for failure. 433 **	163 ** Return Codes: 163 of or success and non-zero for failure.	36.
416 ** Inputs: void *input_args ptr to struct with RPC input args	** Inputs:	35
	350 ** Routine: EDMRE_Submit	35
413 //***********************************	355	55

EDMRE_Submit

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EDMRE_Start

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of 96 EDMREProcMgrService.c 12 Fri Jan 04 14:16:53 2008	Page 48 of 96	36 EDMREProcMgrService.c 11 Fri Jan 04 14:16:53 2008	Page 47 of 96
THE GRADE ACCORDING TO THE PARTY OF THE PART	2 885		-
errory addresserve description of the			_
The state of the s	340		
to a control of the c			
searchCriteria_excludeOwner =			
in_args->searchCriteria->owner, 64);			
strncpy(searchCriteria.owner,			
in_args->searchCriteria->typeOfFile;	542 2		
searchCriteria.typeOfFile =			
in_args->searchCriteria->excludeString;			
6	540 2		
searchCriteria.excludeString =			
in ards->searchCriteria->searchString, 128);	2 2 2		
strncov(searchCriteria.searchString,	517 2		
in args->searchCriteria->descendDirectory;			
	2 212		
searchCriteria.descendDirectory =			
256);			
in_args->searchCriteria->startDirectory,	534 2		-
strncpy(searchCriteria.startDirectory,			
V. COUNT LOTES			
/ prepare search criteria acreente for inher co			
The second secon			
9218	530 1		
			494
-	7 825	return status;	493 1
/* fatal error */	7 170	free(out_args);	491 1
otatio = COMMAND RESULT FAILURE:		else / out keep ontput struct it user want it ./	490 1
RE find restorable objects result");			489 1
fail for		.outhur-asha = (Aord)out-arbay	488 2
NO_MEMORY, (Fred injury	487 2
EDMRestoreEng_logent(FILE,LINE, LOG_ERR,	524 2	TT_STORY (STORY	2 00%
		var free (var RE null args. (char *)input args);	402 1
if (NULL == out_args)			2 288
RE_find_rescorable_objects_festion);		if (NULL != input_args)	989 1
out_args = Calloc(L, sizeon(521 1		
		status = COMMAND_RESULT_FAILURE;	482 1
int status = COMMAND_RESULT_SUCCESS;	519 1	if ((out_args->status = RSTSL_Finish()) != E_SUCCESS)	
			-
searchCriteria;		out args = calloc(1, sizeof(RE_status_result));	479
	517 1		1 57.0
RE_find_restorable_objects_result "out_args;	516 1	statu	477 1
le_obje	515 1	int status = COMMAND RESULT_SUCCESS;	426 1
RE_tind_restorable_objects_args	514 1		-
	513 1 {	int EDMRE_Finish(void *input_args, void **output_args)	474 in
void *input_args, void **output_args /			*
int EDMRE_FindRestorableObjects(512 1	***	_
*/		***************************************	472 / **
			471 **
化甲酰甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲		asynchronously from main RPC thread	_
**		Purpose: Wrapper of Restore service library call to be executed	_
** asynchronously from main RPC thread	_		
** Purpose: Wrapper of Restore service library call to be executed			467 **
		Return Codes:	_
** O for success and non-zero for failure.			465 **
		output arg struct	464
**			_
		Outputs: void **status OPTIONAL addr of void * to receive	463
** Outputs: void **status addr of void * to receive ptr output	502		4.4
and the second s		Tubuts: Agid stubut at a controlled for to stract with we wish	461
		OWNTON'S AND DESCRIPTION OF STATE PROPERTY OF ST	460 **
** MOUCING: EDWKE_FINGRESCOTEDIECOS	498	Routine: EDMRE_Finish	
			458 **
		4 6 6 7 7 7 8 8 8	
\(\)	496		457 /

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EDMRE_Finish

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EDMRE_FindRestorableObjects

	569 1 569 1 571 1	562 2 563 2 565 2 566 1	550 2 550 2 550 2 550 2 550 2 550 2 550 2 550 2	Fri Jan (
	xdr_free(xdr_ free(in_args return status;			Fri Jan 04 14:16:53 2008
	xdr_free(kdr_%E_tind_restorable_objects_args, (t free(in_args); return status;	out_args->status = RSTSL_FindRestorabloObjects(searchCriteria excluseCopy shoriteria > saccluseCropy searchCriteria sizilaVes high searchCriteria > sizilaVes high searchCriteria > sizzilaVes high searchCriteria > sizzilaVes saccluseCopy searchCriteria > sizzilaVes saccluseCriteria > saccluseCri	EDMRE_FindRestorableObjects Page 49 of 96
598 1 600 1 601 1 602 1 604 1 607 1 608 1 608 1		585 586 587 589 590	576 577 578 579 581 582 582	Fri Jan
outnage * called(l.sizeof(RE_status_result)); // Actually load the recx structure. outnage=seatus = RSTSL_Load_recx_directives(filsinfe); outnage = (void *)outnage; // Return that the RPC was atlasst successfuld the load may // return COMMAND_RESULT_SUCCESS;	int EDMR_Load_rest_directives (void *input_args, int EDMR_Load_rest_directives (void *output_args RSTRRC_rest_file_info * fileinfo = (RE_status_result 'outargs;	O for mucess and non-zero for failure. Purpose: Function to retrieve directives fills from client and then lood the file contents into the context structure. **The file transfer is done with edm link.	Routine: int EDMRE_Load_recx_directive Impute: RE_recx_file_info 'fileinfo Outpute: Error or success from the RSYS Return Codes:	Fri Jan 04 14:16:53 2008 EDMRE_Load_recx_directives
es(fileinfo); file the load may not have been	<pre>d *input_args, id **output_args) = [RSTRPC_recx_file_info *)input_args;</pre>	rom client and then t structure. The file	so Information on file to be retreited to call	Page 50 of 96

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return status;	} return	705 706	recorn stories;	658
xdr_free(xdr_RE_backup_for_time_args, (char *)in_args); free(in_args);	1 xdr_fre	702	tree(11-args); free(11-args);	
*output_args = (void *) out_args;) *0	700	Output_args = (voice here avec (cher %) a word)	
out_args->status = RSTSL_SetBackupForTime(in_args->time, in_args->flags);		696	<pre>cise (out_args->status = RSTSL_SetPrevBackup(in_args->flags);</pre>	649 2 650 2
	0 9 9 9	6 9 9		
0, "calloc fail for RE status_result"); status = COMMAND_RESULT_FAILURE; /* fatal error */	N N		<pre>calloc tail for RE status_result"); status = COMMAND_RESULT_FAILURE; /* fatal error */</pre>	645 2
EDMRestoreEng_logent(IJNE IOG ERR, MESSAGE NO MEMORY,	2 .	691	EDMRestoreEng_logent(LINE_, LOG_ERR, MESSAGE_NO_MEMORY,	
if (NULL == out_args)			<pre>if (NULL == out_args) (</pre>	642 1
out_args = calloc(1, sizeof (RE_status_result));		686	out_args = calloc(1, sizeof (RE_status_result));	638 1
status = COMMAND_RESULT_SUCCESS;	int	584 1	int status = COMMAND_RESULT_SUCCESS;	636 1
RE_backup_for_time_args *in_args RE_backup_for_time_args *)input_args; RE_get_all_backup_times_result *out_args;	RE_bacl	680 681 682	RE_sec_backup_time_args	632 1 633 1
*/ int EDMRE_SetBackupForTime(void *input_args, void **output_args)	int EDMRE_	678	t EDMRE_SetPreviousBackup(voic	630
***************************************	*****	676	*****	
asynchronously from main RPC thread	::	675		627
***	** Purpose:	672	** Purpose: Wrapper of Restore service library call to be executed ** asynchronously from main RPC thread	
Codes: O for success and non-zero for failure.	** Return Codes:	670		624
	:	669	** Return Codes:	621
: void **status addr of void * to receive ptr output	** Outputs:	668	** Outputs: void **status addr of void * to receive ptr output arg struct	620
void *input_args ptr to struct with RPC input args	** Inputs:	666	** Inputs: void *input_args ptr to struct with RPC input args **	619
: EDMRE_SetBackupForTime	** Routine:	663	** Routine: EDMRE_SetPreviousBackup **	616
3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	,	662	**	615
			/**************************************	614
EDMRE_SetBackupForTime Fri Jan 04 14:16:53 2008	Page 52 of 96	Page	of 96 EDMRE_SetPreviousBackup Fri Jan 04 14:16:53 2008	Page 51 of 96

~							, pr. 2	,					-	
return status;	<pre>xdr_free(xdr_RE_set_backup_time_args, (char *)in_args); free(in_args);</pre>	else {	<pre>if (NULL == out_args) { EXMRestoreEng_logent(</pre>	out_args = calloc(1, sizeof (RE_status_result));	int status = COMMAND_RESULT_SUCCESS;	RE_set_backup_time_args *in_args *in_args ; RE_set_backup_time_args *jinput_args; RE_set_all_backup_time_arguit *out_args;	*/ int EDMRE_SetNextBackup(void *input_args, void **output_args)	*******	** Purpose: Wrapper of Restore service library call to be executed asynchronously from main RPC thread **	** Return Codes: ** 0 for success and non-zero for failure.	** Outputs: void **status addr of void * to receive ptr output **	** Inputs: void *input_args ptr to struct with RPC input args	** Routine: EDMRE_SetNextBackup	/**************************************
797 1 798	794 1 795 1	788 1 789 2 790 2 791 2 792 1	781 1 782 2 783 2 784 2 785 2 786 1	778 1	776 1	772 1 773 1 774 1	769 770	768	766	762 763	760	758	755 756	754
return status;	<pre>xdr_free(xdr_RE_set_backup_time_args, (char *)in_args); free(in_args);</pre>	else (out_args->status = RSTSL_SetFirstBackup(in_args->flags); 'output_args = (void ') out_args; }	<pre>if (NULL == out_args) { EXMAstoreEng_logent(</pre>	out_args = calloc(1, sizeof (RE_status_result));	int status = COMMAND_RESULT_SUCCESS;	RE_set_bockup_time_args *in_args = { RE_set_bockup_time_args : } = { RE_set_bockup_time_args : } *out_args : RE_get_all_bockup_times_result *out_args : }	*/ int EDMRE_SetFirstBackup(void *input_args, void **output_args)	***************************************	** Purpose: Wrapper of Restore service library call to be executed ** asynchronously from main RPC thread **	** Return Codes: ** O for success and non-zero for failure. **	** Outputs: void **status addr of void * to receive ptr output arg struct	** Inputs: void *input_args ptr to struct with RPC input args	** Routine: EDMRE_SetFirstBeckup	/

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EDMRE_SetNextBackup

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۳	pa pa		H 12 12	N N	-	ы	jur	pos pos pos po								
return status;	<pre>xdr_free(xdr_RB_set_backup_time_args, (char *)in_args); free(in_args);</pre>	<pre>alse (out_args->status = RSTSL_SeltMostRecontBackup(in_args->flags); output_args = (void *) out_args; }</pre>	0, "callor fail for RE_status_result"); status = COMMAND_RESULT_FAILURE; /* fatal error */	,-	<pre>if (NULL == out_args)</pre>	out_args = calloc(1, sizeof (RE_status_result));	int status = COMMAND_RESULT_SUCCESS;	RE_set_backup_time_args *in_args; RE_get_backup_time_args *input_args; RE_ge_all_backup_times_result *out_args;	*/ int EDMRE_SetMostRecentBackup(void *input_args, void **output_args)	**************************************	** Purpose: Wrapper of Restore service library call to be executed asynchronously from main RPC thread	** Return Codes: O for success and non-sero for failure.	** Outputs: void **status addr of void * to receive ptr output arg struct	** Inputs: void *input_args ptr to struct with RPC input args	** Routine: EDMRE_SetNostRecentBackup	/

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EDMRE_SetMostRecentBackup

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				#include <rw collect.h=""> #include <rw rwfile.h=""> #include <rw rwfile.h=""> #include <rw bintree.h=""></rw></rw></rw></rw>	5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5
				#include <csc cscomm.h=""> #include <pthread.h> // Rogue Wave includes</pthread.h></csc>	51 52
			e.h>	#include <esl c_portable.h=""> #include <esl ep_xopen.h=""> #include <esl inout.h=""></esl></esl></esl>	9 4 47
			v	#include <sys types.h=""> #include <sys utsname.h=""> #include <sys utsname.h=""> #include <metys sockt.h=""> #include <metys sockt.h=""> #include <arpa inct.h=""> #include <arpa inct.h=""></arpa></arpa></metys></metys></sys></sys></sys>	5 2 2 2 2 5
			E unable to compile with this define set */ Unable to compile with this define set */	/* #define _POSIX_SOURCE /* #define _XOPEN_SOURCE	37
			"\$Date: 1997/02/06 20:49:15 \$" ;	Rendif	35 35
	resuri (Trc))	96 1 re	RCS_id [] = "@(#)\$RCSfile: EDWFinelStatus.c,v \$ "	*/ #if defined(lint) static char RCS_id	3 2 3 3
stats_indicate, ceUid, ccw_handle_p,	<pre>irc = PushResponseMessage((int) bp_tnat_sets_indicate,</pre>	- pe pe pe pe	The following provides an RCS id in the binary that can be located with the what(1) utility. The intent is to keep this short.		27 27 29 29
:	int lrc=0; int status=0;	87 1 in 88 1 in		** ** ***	2 2 2 5 4
	int SendFinalStatus (void)		Basic idea here: Module for Control Channel Reader thread.		22
ŗ	/ Global/Extern if_spec to be used by RE_ccm/bU_ccr. /pc_binding_handle_t *restoreService_ccw_handle_p; extern DD_client_session_id *p_restoreServiceUid;	81 // 82 rpc 83 ext	USE_SUMRPC - Compile source with sunzpc support. If not set, assume DCE support.	* * *	19 20 21
	#INCINGE SPANNESCOTERNIANDS TO			** Compare-lime options:	18
	#endif #e	72 # # # # # # # # # # # # # # # # # # #	on:		12 14 15
	#ifdefcplusplus	ш		** Mission Statement:	55
	#include <restore dispatch_protocol.h=""> #include <edmfinalstatus.h></edmfinalstatus.h></restore>	70 1 #ir	H 10 10 10 10 10 10 10 10 10 10 10 10 10	** EDMFinalStatus.c	e m
				**	2 5 5
	<pre>#include <edmutils.h> #include <restore dispatch_daemon.h=""></restore></edmutils.h></pre>	65 1 #1			
		62 1 #6			3
	#ifdef _cplusplus			* `*	u P
Page 58 of 96	Fri Jan 04 14:16:53 2008 SendFinalStatus	Fri Jan 04 1	Page 57 of 96	Fri Jan 04 14:16:53 2008	Fri Jar

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EDMFinalStatus.cc 3	
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3 2008 RSLinitfin.c 2 Page 62 of 96	Fri Jan 04 14:16:53 2008	RSLinitfin.c 1 Page 61 of 96	Fri Jan 04 14:16:53 2008	Fri Jan i
		#include <eb eb_port.h=""> #include <eb log.h="" rb=""></eb></eb>	#include <	61 0
	};	124	*	59
"RSTPI_GetNegessaryMedia"			* Epoch headers	88 2
"RSTPI_FindRestorableObjects",	-	121	:	
"ROHDE_TIDIED",			#include <dlich.n></dlich.n>	96
"RSTPI_IsThereNextBackupForTime",	H		#include <	53
"RSTPI_IsTherePrevBackupForTime",		ys/param.h> 110	#include <sys param.h=""></sys>	52 4
"RSTELLISTHEREPREVERCKUD",	. ,.		*/	2 2
"RSTPI_SetMostRecentBackup",	P			49
"RSTPI_SetFirstBackup",		113		
"RSTPL_SerPrevBackup",		POSIX_SOURCE 1	#define	46
"RSTPI_SetBackupForTime",	. н			
"RSTPI_GetCurrentBackupTime",	,			4
"RSTPI_GetAllBackupTimes",		Remove for non-POSIX, non-portable code.	* Remove	6 6
"RSTPI_ISODJectMarked",			* *	÷
"RSTPI_UnmarkObject",	-	ired to turn on OS features go here.		40
"RSTPI_MarkObject",		Feature test switches.	* Feature	3 50
"RSTPI_GetTopLevelTemplates",		102		
"RSTPI_Submit",	H	20		
"RSTPI_ClearRestoreContext",		*SDates";	#end f	; ;
"RSTPL_Setroplevelopject",		"\$Revision\$"		33
"RSTPI_GetTopLevelObjects",		RCS_id () = "\$RCSfile\$ "	static cha	32
"RSTPI_Initialize",	-		#ifndef lint	31
"RSTPI_Identify",	500 5	95. 3	,	29
of PrinceNames (PTF) in CTodex Last + 11 = {	-	** with the what(1) utility. The intent is to keep this short.	** with th	28
		owing provides an RCS id in the binary that can be located 92	/* The fol	27
as the PIFuncIndex values defined in RSLplugin.h.				
These must be in the same order and position				
Definitions of the names of the plugin functions in the pifuncarray		***************************************	*****	24
	`*		:	2 2
		This section must list any compile time definitions which will affect this header.	: :	3 2
struct restore_context *rcp = NULL;		Options:	** Compile-Time	20
			*	19
* throughout the rest of the restore operations.	83 * thre	riceriar Entreroito		18
o to the global "restore context" that will be read			::	1 16
External declarations	*		:	15
		RSTSL_Initialize	*	I I
		Table of Contents:	** Table	2 12
static int validate_plugin(struct pluginData *piDataPtr);	76 static			5 1
eerrno_ty init_plugins(restore_context *rcp);		initialize and terminate the restore operation.	:	10
		This module contains the Restore Service Library	:	9
* #defines, structures, typedefs local to this source file	72 * #de		** Purpose:	00 ~
		1998,1999 by EMC Corporation.	** Copyright (c)	. 6
			;	5
#include <rslinterns.h></rslinterns.h>	67 #inclu	RSLinitfin.c	** Pile Name:	
* Local headers	_	/ 法外部外外的法 计对话记记 化电阻电阻电阻 电阻等电极管等电影电影电影电影电影电影电影电影 医克勒氏试验检尿管 化苯酚 化苯甲甲甲烷 化电池 计可以存储器 医牙骨炎	/********	N.
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Fri Jan 04 14:16:53 2008 RSLinittin.c 6 Page 66 07 96	Fri Jan 04 1	Fri Jan 04 14:16:53 2008 RSLinitfin.c 5 Page 65 of 96	Fri Jan (
rep->pilist = rep->pilist->next;	335 2	if (NULL := rcp->rc_nmarks_by_plane)	273 1
COP-> CULLGIVE-put-> induces)(-> manne //	333 2	rcp-rc_marks[mc_n] = NULL;	270 2
((struct pluginIDdata *)(332 3	rree(rcp->rc_mdrxs(mc_n))	269 3
"RSTPI_Finish failed for restore plug-in".			267 3
rbe_user_error(err,	329 3	if (NULL != rcp->rc_marks[mc_n])	266 2
low arrow continue */		for (mc_n = 0; mc_n < rcp->rc_marks_plane_alloc; mc_n++)	
rcp-> currentPiptr-> piFuncArray[PIFuncIndexFinish] (rcp)))		*/	262 1
/* allow plugin to clean up and close .so: */ if (E SUCCESS = (err =		* Tree the mark hit man enace	
rcp->rc_backup_app++; rcp->appData = rcp->currentPIptr->appData;	323 2	} meacleastroy(rep-erelimp);	
rcp->rc_backup_app = 0; while (rcp->currentPIptr = rcp->piList)	320 1 321 1	<pre>if (NULL != rcp->rc_mcp) /* Pree the multicat structures */</pre>	255 1 256 2
	318 1	*/	253 1
'. Free the plugin related data	316 1	/* * Deallocate the memory of restore_context and the related * structures.	250 1 251 1 252 1
The state of the s	314 1	rbr_cleanup(rcp);	248 1
(void)ebvl_volidlist_destructor(313 2	*/	246 1
if (NULL := rcp->ebvllist)		the log file.	
*/		* item, then calls rbrlog_end(244 1
/* * Free the volume list structures.	307 1	* Call rbr_cleanup() which kills the aux proc(s), unlocks the work	243 1
	305 1	RemoveSubmitFiles();	
free(rcp->rc_dsnones);		return(E_SUCCESS);	
if (NULL != rcp->rc_dsnones)	302 1	((NOPP FCB)	238 2
*/	300 1	1 NIII - 100	
* we can do a free here.	299 1	eerrno_ty err = E_SUCCESS;	235 1
 of dsnone_info structures, the list is allocated via mailoc as an array initially (ref. alloc_plane_arrays()), therefore 		211C 111C(211)	232 1
 Note that even though rc_dsnones is the head of linked list 	296 1		-
* Part the DG NAVE GENICETING STEAM	294 1	eerrno_ty nSTSL_Finish(void)	229
<pre>rbc_freeconfig(rcp->rc_config); }</pre>		*	227
Tr (Notic :- rep->ref-courts)	290 2	* none	225
tellari	-	* Perameters:	223
	. ,	*	222
free(rcp->rc_cfgname);	285 2	It will be rejected if a restore is currency being executed. * This routine will clean up any local memory used in the session.	221
if (NULL := rcp->rc_cfgname)		* progress.	220
	9.4		218
* Free the configuration structures	278 1	* Function Description:	216
		* RSTSL_Finish	215
<pre>free(rcp->rc_nmarks_by_plane);)</pre>	274 2	人名英巴西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西西	
Fri Jan 04 14:16:53 2008 RSTSL_Finish Page 66 of 96	Fri Jan 04	Fri Jan 04 14:16:53 2008 RSTSL_Finish Page 65 of 96	Fri Jan

RSLinitin.c 8 Fn Jan 04 14:16:33 2006	Page 68 of 96	Fri.lan 04 14:16:53 2008	Pane 67 of 06
		xecutable)	398 1 1
		free(rcp->rc_source_client_hostname);	395 2
		if (NULL != rcp->rc_source_client_hostname)	NH
			391 1 /
		"cb->rcTem("coutext); */	
		At Joseph Broom and the American American Broom American Broom	
		if (NULL != rcp->rc_cmd_context)	
		rree(rcp->rc_ciienc_dircop);	385 2
		(Tropic - rep. sec. care care	N H
		**	
		<pre>if (NULL != rcp->rc_client_scriptname); (/* don't free, its internal: free(rcp->rc_client_scriptname);</pre>	376 1 1 379 2 (
			-
		free(rep->rc_client_hostname);	375 2
		if (NULL != rcp->rc_client_hostname)) po-
		rred(rcb-vrc_crwent=voucent)	370 2
		first transfer and the second	N
		if (NULL != rcp->rc_client_rbuname)	368 1 ž
			366 1 }
		/* don't free, its internal: free(rcp->rc_effective_uidname);	365 2
		if (NULL != rcp->rc_effective_uidname)	-
/* RSTSL_Finish */	423)	TTGG//T/A	361 1)
return(err);		froe(ron->ro human uidname);	N
		if (NULL := rcp->rc_human_uidname)	ju .
rep = NULL;	418 1	ITEE(ICD->IC_WOIALLem_name)/	355 2
free(rcp):		Control of the same is	N
*/	415 1	if (NULL != rcp->rc_workitem_name)	۲
/* * Finally, deallocate the restore_context itself	413 1		351 1 }
		free(rcp->rc template name);	
free(rcp->rc_pwd);		if (NULL != rcp->rc_template_name)	-
if (NULL != rcp->rc_pwd) {	408 1 409 2		6 1
	T 905	free(rcp->rc top level_object_name);	
free(rcp->rc_plugin_wi_types);	N 10	if (NULL != rcp->rc_top_level_object_name)	part .
if (NULL = rcp->rc_plugin_wi_types)		* Free the various simple string burious */	341 1
	401 1		
/* don't free, its internal: free(rcp->rc_cpiogen_executable); */	400 2	free (rop->currentPIptr);	336 2
	2000		

1 480 100100	23 2000	FII Jall 04 14, 10,33 2000	Fill dail 04 14:10:33 2000 Pauli milito 9	FIL JOHN ON
Page 70 of os	,	54L 3		200
direntp->d_name);	dire	540 4	char shlib_path [MAXPATHLEN];	482 1
library %s\n",			int shlib_dirlen;	481 1
"Validation failed for restore plug-in	"Validation failed	539 4	char *tmp_types;	480 1
	rbe_user_error(0,	538 4	uct pluginIDe	479 1
		537 4	int val_result;	478 1
	else if (val_result < 0)	536 3	struct pluginData *pibistPtr = NULL;	477 1
result - of females of the second		215 4	struct pluciplata *pinataPtr = NULL:	475 1
dirents of same dierror()):	A. res		cent	474
ore bind-in interest	e.e. Arerer Hr-Sord areasar mean Burssim suctiouns.	533 4		473 1
	rbe_user_error(0,	532 4		-
		531 4	static eerrno_ty init_plugins (restore_context *rcp)	471
-1 vel_result == -4)	if (val_result == -1 '	530 3		409
Prince of a se		620 3	* crose brodin air	468
ate_program	TE (0 i= [val_result = validate_bruding	528 2	* add to valid plugin list	467
			* add workitem types to composite exclusion list	466
save options, validate */	/* Do Identify processing: call it, :	526 2	* call Initialize function	465
	/* Petch addresses of all mandatory functions and */		* fetch all indicated optional function addrs	464
			* call Identity tunction	462
, again cree ,	CONCENTRAL / Se	522 3	* fetch all mandatory function addresses	161
direntp->d_name, dierror());			continue	460
%s: %s\n",			* close shared library file	459
*Error opening restore plug-in library	"Error opening r	520 3	* on errors he low:	400
	rbe_user_error(0,	2 012	verify .so rile (else continue)	456
Charles warming	- drobert entre	517 2	* while read_next_entry succeeds	455
Cath Brin NOW 111	if (NULL == (princer/chick path poin NOW)))	516 2	* open plugin dir	454
rienj, direntp->d_name /;	strcpy(&shlib_path(shlib_dirlen), direntp->d_name	515 2	39	65
			* Logic/pseudo code:	452
skip this guy */	continue; /* s	513 2	* E_SUCCESS OF BE_RECOVER_XXX	450
od name, ".so"))	if (NIH. == strett(dirents->d name, ".so")	,	* Returns:	949
		510 2	*	889
		509 3	* none	447
/* fall thru to cleanup */	,		* Outputs:	446
	break;	508 4		200
status = EP_RB_RECOVER_NOMEM;	status = EP_I	507 4	* inputs:	443
		506 4	N Time to the time	442
struct pluginData))))		000	* Parameters:	441
= calloc(1, sizeof(= callo	203		440
I COCK SCHOOLS	(/ dilocate next progra data structure (); f (NIII. == (biDataPtr	503 3	* function is called for each valid library.	439
of n date etrophism */	it (NULL == proacarer)	502 2	the RSTPI_Initialize	
		501 2	* the corresponding functions are present. Finally,	438
lirp)))	while (NULL := (direntp = readdir(dirp)))	500 1	and that	
	/* loop thru entries in directory*/	499 1	* library to determine which optional features are supported,	417
	SHITD GITTER - SCITCH (SHITD DGCH)	197 1	* mandacory functions. The permit identify function is called for each	436
	streat(shiib_path, "/");	496 1	all.	
dir);	strcpy(shlib_path, eb_cure_plugin_dir	495 1	ion# and presence of	435
			eb_cure_plugin_dir). All .so files in that	
)	493 1	* /usr/apoch/EB/cure_plugin (5 5
/* later do this */		,		
	return EP_RB_RECOVER_NO_PLUGINS;	491 2	* This function locates, opens,	432
STICK CONCINCECTOR WAS DISSUED A	/- 01100 CC		* Function Description:	630
antinuation was plusted to	return E_SUCCESS;	489 2		429
		488 2 #if 1	* init_plugins	428
JGIN_ERR, NULL);	rec_api_log_csm(SUB_CSM_PLUGIN_ERR, NULL);	487 2	/ 布特特尔西语语用的特殊法律的特殊的语言的特殊法律的特殊法律的特殊法律的特殊法律的特殊法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律法律	427
re_plugin_dir)))	if (NULL == (dirp = opendir(eb_cure_plugin_dir)))	485 1		
	/* open plugin directory or bust */	484 1		
Page 70 of 96	53 2008 init_plugins	Fri Jan 04 14:16:53 2008	Fri Jan 04 14:16:53 2008 init_plugins Page 69 of 96	Fri Jan 0

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625)
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619 3
612 1 613 2 614 2
610 1
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604 2
602 3
600 3
599 3
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Bill belle 2 M. Ban 74 of 66	!		
		return -2:	678 1
		- = (677 1
		if (status != E_SUCCESS) return status:	676 1
		&piDataPtr->idData);	
		<pre>/* call identify and validate: */ status = piDataPtr->piFuncArray[PIFuncIndexIdentify](</pre>	672 1
) recurn -1;	670 1
		piFuncNames(index)	667 2
	722 }	<pre>if (Nobb == (piPuncPtr) dlsym(piDataPtr->libHdl,</pre>	2 2
return 0;	771	- Comment of the contract of t	
	719 1	for(index = 0; index <= PIFuncIndexLastBasic; index++)	563 1
return -4;	718 2	struct pluginIDdata *idDataPtr;	661 1
Control of the contro	716 2	eerino_ty status;	660 1
Par discontinuos (1 an escape	715		658 1
niganowana [DrFinoTndexGetWedia])))	714 1	static int validate plugin (struct pluginData *piDataPtr)	557
<pre>ac (NODE == (piFuncFtr) dlsym(piDataFtr=>libHdl,</pre>	712 1	**************************************	
idDat		外外传统 经条件条件 医克克氏 网络拉拉斯 计可以存储 计设计 医克格特氏试验检尿病 医阿拉克氏 医克克氏氏 医克克氏病 医克克氏病 医克克氏病 医克克氏病 医克克氏病 医克克氏病 医克克氏病 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器 计记录器	654
(RSTPLOFIIOW_STRCIAL_Granter	710 1	EB_RB_RECOVER_xxx) for error codes returned from Identify function	***
/* OR if special getMedia option set, get its addr or bust */	709 1	* +57 (Ē
DIF UICNAMED (FIR UICNAMEN INCOME INC	100	indicated by option	652
- Proceedings of DIEST TradevertedEpoint to []	707 1	if workitem type validation fails	650
= (piFuncPtr) dlsym(piDataPtr->libHdl,	706 1	+ -1 on any missing required functions	649
(NULL == (705 1	* 0 on success	548
piFuncNames[PIFuncIndexFind])))	-	* * * * * * * * * * * * * * * * * * * *	646
= (blancour, dispared bythough = (blancour)	703 1	functions	045
&& ((NULL == (piDataPtr->piFuncArray[PIFuncIndexFind)	702 1	* Outputs:	644
== (idDetaPtr->options & RSTPI_OPTION_MASK_FIND))	700 1		503
/* OR if special find option set, get its edar or buse /	699 1	T) - Pointer to plugin data structure with libHdl set	542
)	698 1	* Inputs:	641
piFuncNames[PIFuncIndexStartRestore])))	T 169	*	640
= (piFuncPtr) dlsym(piDataPtr->LibHdL,	696 1	* Parameters:	639
Dat		* returned on version mismecon and missing operand rancesons.	637
<pre>s& (NULL == (</pre>	694 1	and finds its optional functions. Specific error values are	0
if ((RSTPI_OPTION_SPECIAL_START	693 1	it then calls the identity innotion and vertited work program	010
<pre>/* if startRestore option set, get its addr or bust */</pre>		* it returns -1.	635
	690 1	* and stores them in the function pointer diray. If any function is missing	634
pidatarer->idaata = Nobbs		functions	
(/* count cant be positive with null pointer */		* This function retrieves the addresses of the mandatory plugin	632
if (idDataPtr->num_types && !idDataPtr->wi_types)	2022	* Function Description:	631
	684 1	* haringse_brahin	679
piDecaPtr->iduata = NULL;	682 2		628
(/* only version 1 supported so far */	681 2	/· inic_biugins -/	626
seo ; if (idDataPtr->version != RSTPI VERSION)	680	Hodis On 14.1000 COOK	II Jan

Page 75 of 96	E	rage / v ole	Dana 76
5 of 96		/*	26.05
ASLInitfin.c 15		validate plugin */	
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** DD_client_session_id sid - Source service of message.	6) static pthread_mutex_t G_returnmessagemutex = 122 PTHREAD MOTEX INITIALIZER, 122
Inputs: int msgtoqueue - an integer representing the messag	61 RWGQueue(EDMReturnNessage) g_messageQueue; 1221
** Routine: PushResponseMessage	declare(RWXQueue, EDMReturnMessage) 119
/	age.h> ageapi.h>
<pre>pthread_mutex_unlock(&G_returnmessagemutex); }</pre>	#include <edmsession.h></edmsession.h>
static void unlockNeturnMessageMutex()	50 1 #1fdefcplusplus 111 52 #enddf 111
*/	48 1 #include <restore dispatch_daemon.h=""></restore>
计分类存储设备 计存储设备 计设计设备 计自由电话 电电话电话 医电话电话 医克勒氏试验检尿病 医乳球虫虫 医克克氏试验检尿病 医克克氏试验检尿病 医二甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	46 1 Wendif
** Purpose: Unlock the mutex for the return message object	#ifdefc
	#include <rw></rw> finclude <rw></rw> finclude
** Return Codes:	#include <rw rwfile.h=""></rw>
** Outputs: None	38 // Rogue Wave Includes 100 19 #include <rw collect.h=""> 101 102</rw>
** Inputs: None	
** Routine: UnlockReturnMessageMutex	

	<sys types.h=""> <pre><pre><pre><pre><pre><pre><pre><pre></pre></pre></pre></pre></pre></pre></pre></pre></sys>
<pre>pthread_mutex_lock(&G_returnmessagemutex);</pre>	#include <stdlib.h></stdlib.h>
<pre>ifirst = PALSE; pthread_mutex_init(&G_returnmessagemutex, NULL); pthread_mutex_init(&G_returnmessagemutex, NULL); pthread_mutex_init(&G_returnmessagemutex, NULL);</pre>	#include <e81 c_portable.h=""></e81>
1 if (first we TRUE) 2 (•
static boolean_ty first = TRUE;	# bkCSELL@: LUMKGULITHUMBBGBGHPL.CC, v a *SRevision: 1.0 \$ " *Shate. 1997/07/06 20.49:15 \$*:
static void LockReturnMessageMutex()	•
*/	
	* Basic idea here: A faur calle to manage the Massage Ottomore
	* Compile-Time Options:
** Netuzii cues:	11 * Primary Data Acted On:
	9 * Mission Statement: file that Contains an API to manage the Message 71
	6 / binnecurinessageaph.cc
** Routine: LockReturnMessageMutex	PROVIDE A STATE OF THE STATE OF
	2 ** Copyright 1996,1997 EWC Corporation 65
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Figure F		Page	Page 79 of 96 EDMReturnMessageApi.cc 3 Fri Jan 04 14:16:53 2008	Page
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THAT WAY HOW AND			delete mag;	
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THAT WAY WE CANNOT THAT A CONTROLLY AND		241		
Entance int Testatus - a Status for the Dush command securi Codes: for Success and non-zero for failure. 10 for Success and non-zero for failure. 110 for Success and non-zero for failure. 110 for Success and non-zero for failure. 110 for Success and non-zero for failure. 111 The Limit and Entanded to the Measage Queue 112 Da. Liont Leasage Claim. 113 The Living Landal	2 return -1;	240 2	UniodxReculturessagemacax(),	
THAT MAY BETWEEN THE TEATURE OF THE PURE O	UnlockReturnMessageMutex();	239 2	The Park Tong Control of the Control	
THAN ON THE TECHNICAL STATES AND	_		11	
PREMERCIPATIONS - RECEIVE - RECEIVE FOR the Dush command	± E		LockReturnMessageMutex();	
THAT WAY WE ARREST AND THE PROPERTY OF THE PURPLESS AND THE				174 1
request int *catus = a Status for the Dush command luphes; int *catus = a Status for the Dush command luphes Int *catus = a Status for the Dush command luphes Int *catus = a Status for the Dush command luphes Int *catus = a Status for the Measage Oueue luphes Push a measage on the Measage Oueue luphes Int *policioni_sasion_id sid. luphes Int *policioni_sasion_sasion_id sid. luphes Int *policioni_sasion_sasion_id sid. luphes Int *policioni_sasion_sasi			÷	173 1
Page 10 Page 1	return		mag -> setMessage(magtoqueue);	172 1
Page Pour Codes: Filand Milliss Filand Milliss Filand Miliss Filand	*status = RETURNMESSAGE_BAD_PAKAM;	230 2	//	170 1
Peage Pour Condes: Of for success and non-zero for the Dush command IN POLICIANS IN THE MESSAGE OF THE MESSAGE OF THE PEAGE OF THE POLICIANS AND THE PEAGE OF T	TI (CITEBLE TO WARM WESSELL	228 1	// Build the message	1 691
return Codes: cruptes: int *status - a status for the push command list for success and non-zero for failure. O for success and non-zero for failure. In pp_binding.passed. In pp_binding.passed. In pp_binding.passed. OTT ist *status = NULL) If (status = NULL) At one point we did theck the Cat_h (soc_h house it.) // At one point we did theck the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the private service message it. // At one point we did check the private service message it. // At one point we did check the private service message it. // At one point we did check it once we try to use it. // At one point we did check the private service message it. // At one point we did check it once we try to use it. // At one point we did check it once we try to use it. // At one point we did check the private service message it. // At one point we did check it once we try to use it. // At one point we did check it once we try to use it. // At one point we did check it once we try to use it. // At one point we did check it once we try to use it. // At one point we did check it once we try to use it. // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (soc_e we try to use it.) // At one point we did check the cat_h (
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Penge Beauth Content Entlanded McHeSchooms For Success and non-zero for fallure. 119 120 130 131 132 133 134 135 135 136 137 137 137 138 138 138 138 138			return(1);	164 2
Page 2008			(DESTRUMENTAL NO MEMORY:	163 2
Filand Million	- :		If (msg == NULL)	161 1
request int *status - a status for the push command tribes20008 Peage Better Codes: of for success and non-zero for failure. of for success and non-zero for failure. of for success and non-zero for failure. in the failure is			//	160 1
Penjagone Penjag	_		// // Acquire a new message Object.	158 1 159 1
requests: int *status - a status for the push command tiputate: int *status - a status for the push command tiputate: int *status for the push command tiputate: a fo	OUT int *status)	217		156 1
Page Propose: Filand 14:16:53 2008 Fage Page Page Page Page Page Page Page P	t *ResponseMessage, OUT DU_CIIERC_@compact		return 1;	155 2
request int *scatus - a status for the Dush command this codes: acturn Codes: of for success and non-zero for failure. of for success and non-zero for failure. of for success and non-zero for failure. in policiant personal this magnetic content in the Message Olevie 119 in policiant personal this personal this 119 if (status = MULL) // Att one point we did check the cac. by the cas it. // That cay we can handle cases where the private service messages 110 // That way we can handle cases where the private service messages 110 // and we haven't made a connection to it yet. 110 111 111 112 113 114 115 115 116 117 117 118 119 119 119 119 119		215	'status = RETURNMESSAGE_BAD_PARAM;	153
Penge Duptes: int *status - a status for the push command Liphts: int *status - a status for the push command Liphts: int *status - a status for the push command Liphts: line *status and non-zero for failure. Liphts: a message on the Resease Queue Liphts: a message on the Resease Queue Liphts: a message (IN Int meglocqueue) Liphts: a message (IN Int message) Liphts: a message (IN Int			if (msgtoqueue == 0)	152 1
Penjagone Penjag	*/	213	// Cliff MC 1704 after a market of a comme	
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The property of the form of th	it will block the length of time specified.	210	// we would rather take a NULL and check it once we try to use it.	
eturn Codos: eturn Codos: eturn Codos: O for success and non-zero for failure. O for success and non-zero for failure. 110 110 110 110 110 110 110 1		209	// At one point we did check the USC handle) but we found that	147 1
### Page 80 ###################################		208	the case of	145
THE ADDRESS AND THE ASSESSED FOR LAB PUBLIC COMMENTAL THE ASSESSED FOR SALTURE AS STATUS FOR LAB PUBLIC COMMENTAL THE ASSESSED FOR SALTURE. 110 110 111 111 112 113 114 115 115 116 117 117 117 117 118 119 119 119	sa sodina	207	recurn 17	
### Page 80 ###################################	Don a message off the Message Queue.	206		
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Entanoi 111 C * status - a status for the push command	rpc_binding_handle_t **client_h_p - a handle to response	201	OUT int *status)	138
TENJANO 1414:1653 2008 Page 80 LIDUTES: LINE "status - a status for the Dush command LINE 1 LINE Office success and non-zero for failure. 110 10 Office success and non-zero for failure. 110 111 112 112 113 114 115 116 117 118 119 119 110 110 111 111 112 113 114 115 115 116 117 118 119 119 110	-	200	IN ppc_binding_handle_t *csc_h,	136
Enjanoi 1116-33008 Page 80 Luputs: int "status - a status for the push command III eturn Codes: O for success and non-zero for failure. Luputs: int "status - a status for the push command III Luputs: int "status - a status for the push command II Luputs: int "status for the pus		199	PushResponseMessage(IN int msgtoqueue,	135
triputs: int *status - a status for the push command eturn Codes: eturn Codes: 0 for Success and non-zero for failure. 110 110 111 112 113 114 115 116 116 117 117 118 118 118	Outputs:	198	ine	Į.
reputs: int *status - a status for the push command		196	*/	132
FilanOH141853 2008 Page 80 Uppits: Int Teletius - a status for the Dush command III security contains and non-zero for failure.		195		
reputs: list *status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the first status - a status for the push command to the push comma	Routine:	193	*************************************	130
Enjanolitic 1653 2008 Page 80 command Interest 2007 the push command Interest 2007 the push command Interest 2007 control of the success and non-zero for failure.	****	192	** Purpose: Push a message on the Message Queue	128
Filan O4 14:16:53 2008 Page 80 of 95	· · · · · · · · · · · · · · · · · · ·		0	127
Uniquite: int *status - a status for the push command Fajan 04 14:16:53 2008 Paga 80 of 95 Fajan 80 of	I I I I I I I I I I I I I I I I I I I		Return Code	126
Fi Jan 04 14:16:53 2008 Page 80 of 96	October 0.		Outputs: int . scaces - a scaces com	124
Fri Jan 04 14:16:53 2008 Page 80 of 96		187 1	e status for the push cor	Page /s
		Page 80		

Fri Jan 04 14:10:55 2008	259 1 260 1	253 1 254 1 255 1	247 1 248 2 249 2 250 2 251 1	Fn Jan u4
41659 2008	return 0;	ret -> getSessi *ResponseMessag *client_h_p = r	<pre>if (ret == NULL) { *status = RE return -1; }</pre>	Fn Jan 04 14:16:53 2008
EDWiletumMessagr&di.oc.5		ret -> getSessionID(sess); *ResponseMessage = ret -> getMessage(); *client_h_p = ret -> getBindingHandle(); dalara ret;	<pre>(ret == NULL) *status = RETURNMESSAGE_RECORD_GET_FAILED; return -1;</pre>	
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26	5	96
FDMReturnMessageAdl.cc 7	4	
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			\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	64 /**
failed.");	ushRespon	120 2	H.f.	62 #endif
DDP_PUT_RESPONSE_FAILURE, status,	EDMDispatch_logent(FILE	119 2	lefcplusplus	60 1 #ifdef
	if (0 := rc)		#include <edwdispatchlog.h></edwdispatchlog.h>	pet.
	&status);	116 1	lude <logging logging.h=""></logging>	57 1 #in
	a destruction of the second of	114 1	#include <edmddhandlemgrapi.h></edmddhandlemgrapi.h>	
mfirm.	/* Push message to send onto the queue */			
			AND	-
1,0		109 2	#include <restore csc_dispatch_protocol_service.h=""></restore>	0 1 8 min
LOG_ERR, DDP_GET_CSC_HANDLE_FAILURE, status,	FILE , LINE , LOG_ERR, DDP_GET_CSC_		#include <restore dispatch_protocol_service.h=""></restore>	
			#include <restore dispatch_protocol.h=""></restore>	× 1
	if (0 != rc)	106 1	#include <restore dispatch_dagmon.h=""></restore>	-
	&cratus);		ile in the second secon	34
	rc = GetCSCHandle(&msg->sid,	102 1	#ifdefcplusplus extern "C" (4) 1 extern
th this sid */	7		A STATE OF THE PARTY OF THE PAR	
	C C C C C C C C C C C C C C C C C C C	100 1	#include <edmdd_ddp.h></edmdd_ddp.h>	39
DOG_ERR, DDF_OFDATE_SESSION_RCV_FAILURE, V.	FILE,LINE, DOG_ERR, DDF_OFDATE_SESSION_NCV_FA			
CESSTON SOIL ESTLINE		98 2	#include <sys time.h=""> #include <pthread.h></pthread.h></sys>	
	if (0 is rc)			
-	rc = UpdateSessionLastReceived(&msg->sid);		#include <eerrno e_eb.h=""></eerrno>	34 #in
B */	/* Update last time we herd from the service			
	rpc_binding_handle_t *client_handle_p = NULL;		#INCINGE AGETT/EGT_GETTING	
	int status;	91 1		29 #10
			#include <esl c_portable.h=""></esl>	
'msg,struct svc_req *req)	DP_connect_indicate_mag *msg,struct svc_req *req)		2 hin	26 #endif
	An connect indicate 1 avc	8 87		
	*		*\$Revision: 1.0 \$ "	24
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	** Purpose:	82	copyright (c) 1000 by some warp.	*
	**	8 8	3	
	** Keturn Codes:	39	which will affect this header.	
		78	This section must list any compile time definitions	*
	** Outputs: None	77	Committe-Time Options:	* *
	** Inputs: None	1 75		5
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	** Routine: dp_connect_indicate_1()	2 2	able of Contents:	
5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	**	3	dispatch daemon	
******		72	Purpose: This module contains the callback functions for use with	::
	*/	69		:
****		8	Copyright (c) 1998,1999 by EMC Corporation.	
*************	化格拉克外达克 医外外外球球球球 计连续分类 医阿尔林氏 医电影 医电影 医马马克氏 医马马克氏 医马克克氏性 医马克克氏性 医克克克氏 医阿尔克氏氏试验检试验检尿液试验检尿液 电电	67	File Name: EDMDispProtocolSvc.c	: :
	** Structures	66		N .
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Page 86 of 96	Eri Jan 04 14-16-53 2008 dn connect indicate 1 svc	Eri lan		En landa

		96 EDMDispProtocolSvc.c 3 Fri Jan 04 14:16:53 2008	Page 87 of 96	Pag
88 of 96 EDMDspProtocotSvc c 4 Fri Jan 04 14:18:55 2009				
return((int')0);	173 1			
	168 2 169 2 170 2 171 1			
/* Remotive the timed message to indicate that we you the *separate to the date of indicate that we you the *separate to the date of indicate the date of the date	163 164 165			
	159 2 160 2			
/* Update last time we hard from the service */ rr = UpdateSessionLastReceived(&msg->sid); if (0 != xc)	155 1			
int rc;	150 1 151 1 152 1			
int dp_abort_response_lsv6 DP_abort_response_mag *mag.struct svc_req *req)	147			
Pulpose: Incanded caller: Incarnal Only.	144			
** Return Codes: ** Return Codes:	140 141 142	EMULLIN (ALL 1997)		130
	137	Transfer (April 10)		
** Routine: dp_abort_response_1() ** ** ** ** ** ** ** ** ** ** ** ** **	136	FILELINE LOG_ERR, DDP_SENDING_MESSAGE, 0, Pushing response message to restore service. *Pushing response message to restore service. *Pushing response message to restore service. *Pushing response message to restore service.	N I	126
/	132	f (IsDebugOn())		123 1
· · · · · · · · · · · · · · · · · · ·		6 dp_connect_indicate_i_svc	Page 87 of 96	Page

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dp_connect_indicate_1_svc

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dp_abort_response_1_svc

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Fn Ja	217 218	215		211	209	207	205	2 0	202	200	197	195	194	193	191	189	187	186	185	183	181	180	176	177	176	Ŧ
Fn Jan 04 14:16:53 2008	return((Ant')());	1 (2 EDMDispatch_logent(FILE,_LINE, L	1 if (0 != rc)		1 /* Remove the timed message to inc 1 rc = deleteTimedMessage(&msq->sid.	- 5		~ P	1 /* Update last tim	p.	int re;	dp_close_response_1_svc(int *	*	** Intended caller:	** Purpose:	:	** Kecurn Codes:	::	** Outputs: None		** Routine:			Fri Jan 04 14:16:53 2008
EDMDispProtocolSvc.c 5			gent(, LOG_ERR, DDP_DELETE_TIMED_MSG_FAILURE, status,		dp_close_request, &status);	<pre>/* Remove the timed message to indicate that we got the response */ rc = deleteTimedMessage(wmsq->sid.</pre>	Option and a volume of the contract of the con	FILE,LINE_, LOG_ERR, DDE_UPDATE_SESSION_RCV_FAILURE, 0,		<pre>/* Opdate last time we herd from the service */ rc = UpdateSessionLastReceived(kmsg->sid);</pre>			<pre>_svc(DP_close_response_msg *msg,struct svc_req *req)</pre>			** Intended caller: Internal Only.							dp_close_response_1()		<u> </u>	dp_close_response_1_svc
Page 89 of 96			LURE, status,			response */		V_FAILURE, 0,					svc_req *req)		*****	******								***	************	Page 89 of 96
Fri Jan (260 1 261	257 2 258 1	256 2	254 1 255 2	252 1 253 1	250 1 251 1	248 1	2 2 2		242 1	240 1	239 1	236	234	233	232	230	228	227	225	224	222	220	219	Fri Jan
Fri Jan 04 14:16:53 2008		return((int*)0);)	~	EDMDispatch_logent FILE,LINE,	if (0 != rc)		<pre>/* Remove the timed message to inc rc = deleteTimedMessage(&msg->sid,</pre>	-	FILE,LINE,	11 (0 = 10)	/* Update last time we herd from the service rc = UpdateSessionLastReceived(&msg->sid);	int status;	int ro;	int * dp_ping_response_1_svc(*/	*************	** Intended caller: Internal Only.	** Purpose:	None	Return Coo	** Outputs: None	** Tubars: None		** Routine: do ping response [()	/******************	Fri Jan 04 14:16:53 2008
EDMDispProtocolSvc.c 6			"deleteTimedMessage tailed.");	LOG_ERR, DDP_DELETE_TIMED_MSG_FAILURE, status,		dp_ping_request, &status);	licate that we		, LOG_ERR, DDP_UPDATE_SESSION_RCV_FAILURE, "UpdateSessionLastReceived failed.");		<pre>/* Update last time we herd from the service */ c = UpdateSessionLastReceived(&msg->sid);</pre>			int * (dp_ping_response_1_svd(DP_ping_response_msg *msg,struct svc_req *req)		***************************************	ernal Only.						1	ponse (()	/**************************************	dp_ping_response_1_svc
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Page	295	293	2 :	290	289 1	N 95	284	282 1 283 1	281	280	278	276	275	273	272	271	269	268	AJ EG	269	260		Page
Page 91 of 96) r	-	N I					-	8	int *	*	* *	:	: :	*	:	::	::		* ;			Page 91 of 96
36 EDMDispProtocolSvc.c 7 Fri Jan 04 14:16:53 2008	return((int*)0);)	FILE, LINE, LOG_ERR, DDP_UPDATE_SESSION_RCV_FAILURE, 0, "UpdateSessionLastReceived failed.");		' Opdate Laro and The Laro and The Laro UpdateSessionLastReceived (&msg->81d); if (0 != rc)	EDC_DIMANUG_TANDALTC_C CARACTE_TOWN THE SETUICE */	int status;	int re;	<pre>dp_event_indicate_l_svc(</pre>	*		ARTERNORY COLLER: INTEGRAL ONLY.		** Dirings:	None	** Return Codes:	** Outputs: None	Tipous: wore		Routine: dp_event_indicate_1()	*******	· · · · · · · · · · · · · · · · · · ·	96 dp_event_indicate_1_svc Fri Jan 04 14:16:53 2008
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2 of 96		recurn((inc*)0);			(EDMDis	rc = Update	/* Update 1	int status;		dp_progress_			** Intended	*	** Purpose:	: :	** Return Codes:	** Outputs:	** Inputs:	:	** Routing:	/**************************************	2 of 96
EDMDispProtocolSvc.c 8 Fri Jan 04 14:16:53 2008		5,000		"UpdateSessionLastReceived failed.");	EDMDispatch_logent(File LINE . LOG ERR. DDP UPDATE_SESSION_RCV_FAILURE, 0.	<pre>rc = UpdateSessionLastReceived(&msg->sid); if (0 != rc)</pre>	/* Update last time we herd from the service */		1	int * dp_progress_indicate_1_svc(** Intended caller: Internal Only.			None	des:	None	AOME		do progress indicate 1()	/*************************************	dp_progress_indicate_1_svc Fri Jan 04 14:16:53 2008
24																							

		15*)0);	return((int*)0); }	384 1
		FILE_,_LINE_, LOG_EER, DDP_MT_RESPONSE_FAILURE, status,	_	381 2 382 1
		watch_logent(379 2 380 2
		estatus);	if (0 != rc)	377 1
		/* Push message to send onto the queue */ rc = PushResponseMessage(dp_final_stattconfirm, rc = PushResponseMessage(dp_final_stattconfirm,	/* Push me rc = PushF	373 1 374 1 375 1
		"GetCSCHandle failed.");	_	370 2 371 1
		atch_logent(EDMDisp	369 2
			if (0 != rc)	367 1
		&column);		365 1
		/* Get the osc_binding_handle associated with this sid */ ro = GetCSCHandle(&msg->sid.	/* Get the	363 1
		EDMDispatch_logent(EDMD	360 Z 361 Z
		/* (pdate last time we herd from the service */ rcs UpdateSessionLastReceived(&mag->sid); if (0 != rc)	/* Update rc = Updat if (0 != :	356 1 357 1 358 1
		<pre>int status; rpc_binding_handle_t *client_handle_p = NULL;</pre>	int statu rpc_bindi	
			int re;	351 1 352 1
		int * dp_final_stats_indicate_l_svc(DP_final_stats_indicate_mag *mag, dp_final_stats_indicate_mag *mag,	int * dp_final_s	348 349
			*	346
		** Intended caller: Internal Only.	** Intende	344
			** Purpose:	342
		wome	: :	340
		odes:	** Return Codes:	339
		None	** Outputs:	137
		None	** Inputs:	335
		: dp_final_stats_indicate()	** Routine:	333
		/*************************************	: ` :	331
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